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## Research Aid

### *The Cuban Economy: A Statistical Review, 1968-76*

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## **FOREWORD**

This handbook on the Cuban economy provides a wide range of statistics of general interest. The handbook contains data on (a) gross national product, by sector of origin, (b) agricultural and industrial output, (c) the value, direction, and composition of foreign trade, (d) Cuba's terms of trade with its Communist and non-Communist trading partners, (e) economic assistance from the USSR and non-Communist countries, and (f) population and labor force. The coverage is focused on the years 1968-75; where possible, estimates for 1976 have been included. Many of the tables also include comparative data for 1957—the peak pre-Castro year.

The statistics were obtained mainly from official Cuban publications, supplemented with a small amount of data from a variety of non-Cuban sources. The index of Cuban gross national product was calculated from official data on production volume. The data on agricultural production, obtained from official Cuban sources, represent government procurement; total production of food is approximately 10% higher.

The statistics on foreign trade through 1975 have been taken primarily from Cuban publications. All value data reported in Communist currencies were converted to U.S. dollars at nominal exchange rates. The foreign trade estimates for 1976 are based principally on (a) part-year data published by Cuba's Communist and non-Communist trading partners, (b) volume and prices of sugar exports, (c) recent trends in Cuban trade with the Communist countries, and (d) estimated foreign financial assistance. The indexes of Cuba's terms of trade with the Council of Mutual Economic Assistance countries have been derived from data in Soviet and East European trade publications, and with non-Communist countries, from UN statistics. For the purpose of this report, Albania has been grouped with the East European Communist countries. Yugoslavia has been placed in the non-Communist category.

The estimates of Soviet balance-of-payments assistance are based on (a) inferred settlements to cover Cuba's trade deficit with the USSR, (b) estimated accrual of Cuban interest liabilities on outstanding debt to the USSR through 1972, and (c) estimates of other invisibles such as the wages of Soviet technicians in Cuba. Non-Communist economic assistance is made up of publicized government-guaranteed trade credits and Eurocurrency loans received since 1972. The population data are US Bureau of Census estimates based on the Cuban 1970 census.



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## COUNTRY BRIEF

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### Geography

Area .....	114,478 square kilometers
Capital .....	Havana
Other major cities .....	Santiago de Cuba, Camaguey, Holguin, Guantanamo, Santa Clara, Matanzas
Chief ports .....	Havana, Santiago de Cuba, Matanzas, Nuevitas, Bahia de Nipe, Mariel

### People

Population .....	9.5 million (mid-1976)
Language .....	Spanish
Literacy .....	About 96%

### Economy

Estimated gross national product, 1974.	8.3 billion pesos (US \$7.5 billion at the adjusted monetary conversion rate)
Agriculture .....	Main crops—sugar, tobacco, rice, vegetables, citrus fruits
Major industries .....	Sugar milling, electric power, petroleum refining, nickel mining, food processing, cement
Exports .....	\$3.5 billion f.o.b. (1975 preliminary) sugar, nickel, tobacco, shellfish
Imports .....	\$3.8 billion c.i.f. (1975 preliminary) capital equipment, industrial raw materials, foodstuffs, petroleum
Major trade partners .....	Exports—USSR, Japan, Eastern Europe, Canada, People's Republic of China Imports—USSR, Japan, Eastern Europe, Spain, Argentina

Nominal monetary conversation rate . . . . 1 peso equals US \$1.21

Adjusted monetary conversion rate<sup>1</sup> . . . . 1 peso equals US \$0.90

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<sup>1</sup>Obtained by adjusting the 1957 (free market) exchange rate by the estimated relative movements of the US and Cuban GNP deflators from 1957-74.

# NATIONAL ACCOUNTS

Table 1

Index of Real Gross National Product, by Sector of Origin, and Real GNP per Capita<sup>1</sup>

Index, 1968=100

	1957	1969	1970	1971	1972	1973	1974	1975	Average Annual Change, 1969-75
Gross national product . . . . .	77.6	101.7	108.0	104.8	105.3	111.8	115.1	118.7	2.5
Per capita gross national product . . .	97.6	100.5	104.2	100.0	98.2	103.1	103.9	106.0	0.8
Sugar . . . . .	105.2	120.0	144.4	118.5	95.6	108.9	116.3	126.7	3.4
Agricultural production . . . . .	103.9	134.2	148.7	123.7	101.3	115.8	121.1	131.6	4.0
Industrial production . . . . .	106.8	101.7	139.0	111.9	88.1	100.0	110.2	120.3	2.7
Agriculture (except sugar, forestry, and fishing) . . . . .	121.0	94.7	105.3	108.8	115.8	117.5	126.3	128.1	3.6
Industry (except sugar) . . . . .	60.0	100.0	96.2	101.9	116.2	127.5	131.9	137.5	4.7
Construction . . . . .	77.4	83.9	87.1	119.4	141.9	167.7	174.2	187.7	9.4
Transportation and communica- tion . . . . .	85.0	107.5	122.5	112.5	110.0	122.5	127.5	135.0	4.4
Services . . . . .	65.2	96.7	93.6	97.0	97.3	96.3	95.7	93.6	-0.9

<sup>1</sup>The indexes are based on official Cuban production data. Since recent prices are not available, they were constructed using 1957 price weights. Our indexes show much smaller increases than do Cuban data on economic growth as measured by "gross material product," apparently mainly because the Cuban measure is calculated in terms of current prices. The peso value of Cuban GNP in 1974 can be roughly estimated from official data on gross material product, defined as net output of goods and "productive" services (such as transportation and communication), by adding to it estimated value-added by other services such as education and health, as follows:

	Million Pesos
Gross material product . . . . .	7,414
Value-added by services . . . . .	850
Gross national product . . . . .	8,264

# SUGAR SECTOR

Table 2

Sugarcane: Area, Yields, and Share Mechanically Harvested

Crop Year<sup>1</sup>

	1957	1968	1969	1970	1971	1972	1973	1974	1975 <sup>2</sup>	1976 <sup>2</sup>
Area available for harvest (thousand hectares) <sup>3</sup> . . . .	1,414	1,417	1,535	1,504	1,436	1,389	1,421	1,450	1,475	1,500
Area harvested (thousand hectares) . . . . .	1,265	1,076	968	1,498	1,354	1,251	1,156	1,185	1,348	1,254
Volume harvested (thousand metric tons) . . . . .	44,700	45,700	43,800	82,900	54,700	46,800	50,500	53,200	56,600	55,175
Yields (metric ton per hectare harvested) . . . . .	35	42	45	55	40	37	44	45	42	44
Share mechanically harvested as percent of total volume . . . . .	....	NA	NA	NA	1.0	7.0	11.2	19.2	25.8	33.0

<sup>1</sup> 1 November-31 October.

<sup>2</sup> Preliminary.

<sup>3</sup> Yearend.



Table 3

## Sugar: Milling and Production

Thousand Metric Tons, Crop Year

	1957	1968	1969	1970	1971	1972	1973	1974	1975 <sup>1</sup>	1976 <sup>1</sup>
Volume of cane milled . . . . .	44,700	42,300	40,500	79,800	51,500	43,500	47,500	49,600	53,600	52,175
Sugar content of milled cane (percent) . . . . .	12.8	12.2	11.0	10.7	11.5	9.9	11.1	11.9	12.0	11.5
Total sugar production (raw value) <sup>2</sup> . . . . .	5,742	5,164	4,459	8,538	5,925	4,325	5,253	5,925	6,432	6,000
Raw sugar . . . . .	5,058	4,064	3,488	7,448	5,329	3,596	4,479	5,114	5,562	5,087
Refined sugar <sup>2</sup> . . . . .	629	1,012	893	1,003	548	671	712	746	800	840
Molasses . . . . .	1,405	1,587	1,527	2,990	2,143	1,672	1,712	1,849	2,060	1,920

<sup>1</sup>Preliminary.<sup>2</sup>The conversion rate of refined sugar to raw value is 1.087.

Table 4

## Sugar: Production, Exports, Consumption, and Stocks

Thousand Metric Tons, Raw Values, Calendar Year

	1957	1968	1969	1970	1971	1972	1973	1974	1975	1976 <sup>1</sup>
Production <sup>2</sup> . . . . .	5,742	5,315	5,534	7,559	5,950	4,688	5,383	5,926	6,427	6,000
Exports . . . . .	4,428	4,613	4,799	6,909	5,511	4,140	4,797	5,491	5,744	5,125
Consumption . . . . .	304	682	636	619	616	471	464	522	499	500
Stocks at yearend . . . . .	769	306	405	439	262	339	461	374	558	933

<sup>1</sup>Estimated.<sup>2</sup>Because production data refer to calendar year, they will differ slightly from crop year data in Table 3.

# AGRICULTURE

Table 5

## Production or State Collection of Major Food Crops

Thousand Metric Tons

	Production	State Collection							
	1957	1968	1969	1970	1971	1972	1973	1974	1975
Major Crops:									
Rice (milled) . . . . .	260	94.9	177.4	290.9	285.5	239.1	236.5	309.2	337.7
Beans . . . . .	17	9.5	6.1	5.0	5.3	6.2	2.9	3.1	5.0
Potatoes . . . . .	104	119.5	95.3	77.3	75.2	75.7	55.5	88.0	116.8
Sweet potatoes and yams . . . . .	184	93.4	51.0	24.3	40.7	68.4	90.4	89.4	98.3
Yucca . . . . .	186	53.4	37.2	22.0	27.0	65.4	72.8	69.4	84.8
Malanga . . . . .	250	42.6	35.0	12.0	13.5	25.8	19.6	25.6	32.5
Tomatoes . . . . .	45	98.3	44.6	62.4	85.0	57.0	100.6	184.0	188.3
Pineapples . . . . .	102	7.2	10.5	14.2	20.8	32.3	30.9	30.1	22.2
Citrus fruit . . . . .	150	165.3	155.0	163.5	124.1	162.4	176.5	176.0	182.3
Plantains and bananas . . . . .	360	99.6	122.1	87.8	101.8	192.5	187.6	187.8	204.6

Table 6

## Production of Other Food and Agricultural Products

Thousand Metric tons

	1957	1968	1969	1970	1971	1972	1973	1974	1975 <sup>1</sup>
Livestock									
Beef and veal (live weight, for slaughter) . . . . .	335	325 <sup>1</sup>	300 <sup>1</sup>	382	357	338	293	249	240
Milk . . . . .	780	686	688	690	675	758	781	799	800
Eggs (million dozen) . . . . .	22	100	109	119	126	128	133	147	154
Pork . . . . .	42	10	4	12	16	17	21	33	44
Poultry (live weight marketed) . . . . .	14	26	21	21	24	30	36	45	56
Industrial crops									
Tobacco . . . . .	52	47	21	32	25	40	44	45	41
Coffee . . . . .	44	27	30	30	29	28	29	30	27
Seafood									
Total . . . . .	21	65	80	106	126	140	150	165	143
Of which:									
Fish . . . . .	14	49	59	84	95	105	115	123	100
Crustacea and mollusks . . . . .	7	15	19	19	20	22	21	22	20

<sup>1</sup> Provisional.

# INDUSTRY AND CONSTRUCTION

Table 7

## Production of Major Industrial Products

Thousand Metric Tons

	1957	1968	1969	1970	1971	1972	1973	1974	1975 <sup>1</sup>
<b>Food Processing</b>									
Wheat flour .....	64.0	137.6	147.9	159.7	175.3	177.6	178.4	184.3	176.1
Refined vegetable oil .....	2.7	61.5	57.8	40.4	56.4	60.2	51.5	56.7	59.1
Roasted coffee .....	32.2	24.3	25.8	27.1	27.1	26.8	27.1	27.0	27.0
Condensed and evaporated milk .....	39.5	68.3	69.2	68.1	77.9	49.4	58.5	57.3	62.2
<b>Tobacco and beverages</b>									
Cigars (million units) .....	409.0	724.0	422.4	363.5	277.2	327.0	353.0	378.5	383.3
Cigarettes (billion units) .....	9.8	21.8	25.1	19.8	10.2	11.2	15.0	14.5	15.3
Beer and malt (million hectoliters) .....	1.3	1.3	1.3	1.5	1.9	2.2	2.3	2.3	2.5
<b>Textiles and footwear</b>									
Cotton textiles (million square meters) ...	48.4	105.2	91.3	75.7	87.0	98.0	117.1	127.9	137.0
Rayon textiles (million square meters) ...	7.1	5.3	4.4	2.2	8.1	7.4	6.8	3.8	6.3
Leather footwear (million pair) .....	13.0	13.7	13.3	12.1	14.2	14.4	14.8	13.5	15.5
Rubber footwear (million pair) .....	3.1	5.1	5.4	6.1	11.2	11.8	8.9	6.4	7.0
<b>Chemicals</b>									
Soap .....	34.0	59.9	59.2	48.8	57.2	50.5	54.5	56.9	55.0
Detergents .....	12.6	4.1	14.6	12.2	18.1	20.0	21.4	19.2	22.0
Rubber tires (thousand units) .....	156.0	147.7	356.4	201.9	251.2	381.1	371.5	390.8	367.5
Super phosphate .....	37.2	10.6	15.3	....	9.3	38.5	45.0	NA	NA
Caustic soda .....	2.0	3.8	3.5	3.6	3.9	4.3	3.6	4.0	4.0
Sulfuric acid .....	34.4	322.5	325.7	321.9	368.3	399.7	384.6	383.8	416.2
<b>Metallurgy</b>									
Nickel oxide and sinter .....	20.2	20.0	16.5	18.3	18.0	17.5	17.0	16.5	17.8
Nickel slurry .....	....	17.3	17.7	18.3	18.5	19.2	18.2	17.4	19.0
Crude steel .....	14.0	119.8	119.2	140.0	110.8	186.6	220.7	250.3	297.5
Copper concentrate .....	16.3	5.3	3.8	0.4	....	1.8	2.1	2.9	3.2
Refractory chrome .....	100.2	48.5	45.3	22.8	13.9	37.1	37.2	37.7	36.1
<b>Petroleum</b>									
Gasoline .....	387.1	712.5	746.1	744.9	712.1	802.7	911.0	868.1	995.8
Fuel oil .....	716.4	1,941.2	2,269.9	2,367.3	2,375.8	2,525.9	2,672.9	2,679.1	2,819.6
Diesel oil .....	439.2	715.1	625.3	582.3	655.8	711.9	864.1	974.1	1,003.6
Crude oil .....	52.0	197.8	206.2	159.1	120.1	112.2	137.8	140.0	140.0
<b>Electric power</b>									
Capacity (million kilowatts) .....	1.0	1.3	1.3	1.3	1.3	1.5	1.5	1.7	1.7
Public utility (million kilowatt hours) ....	1,645.0	3,206.1	3,390.7	3,609.4	3,789.3	4,211.6	4,582.8	4,892.0	5,325.0
Industrial (million kilowatt hours) .....	750.0	1,128.4	1,165.2	1,278.2	1,231.7	1,053.4	1,020.6	1,124.4	1,175.0
<b>Paper</b>									
Paper and cardboard .....	36.0	68.4	67.5	62.3	83.7	75.6	91.3	91.1	NA
<b>Construction materials</b>									
Cement .....	650.8	779.7	679.6	742.0	1,088.1	1,473.7	1,757.4	1,813.5	2,083.1
Lumber (thousand cubic meters) .....	68.0	46.3	39.1	28.4	37.1	38.2	52.7	50.7	NA

<sup>1</sup>Provisional.

Table 8

## Apparent Consumption of Major Construction Materials

Thousand Metric Tons

	1957	1968	1969	1970	1971	1972	1973	1974	1975
Cement .....	815	1,048	841	867	1,240	1,530	1,757 <sup>1</sup>	1,814 <sup>1</sup>	NA
Ceramic bathroom fixtures (thousand units) .....	NA	81	74	56	100	133	135	157	NA
Corrugated steel bars .....	80 <sup>1</sup>	104	87	85	95	145	189	205	NA
Iron and steel tubing .....	26	43	48	45	46	58	63 <sup>2</sup>	55 <sup>2</sup>	NA
Lumber (thousand cubic meters) .....	250	328	300	321	403	291	377	528	NA

<sup>1</sup> Estimate.<sup>2</sup> Steel tubing only.

## TRANSPORTATION

Table 9

## Freight Traffic by Type of Carrier

Thousand Metric Tons Carried

	1957	1968	1969	1970	1971	1972	1973	1974	1975 <sup>1</sup>
Air .....	NA	10	13	17	17	16	14	13	13
National .....	NA	9	11	15	15	14	11	10	10
International .....	NA	1	2	2	2	2	3	3	3
Maritime .....	NA	2,041	1,871	2,140	2,556	3,165	3,551	3,613	3,975
Coastal .....	NA	883	809	934	1,429	1,997	2,046	2,000	2,100
International .....	NA	1,158	1,062	1,206	1,127	1,168	1,505	1,613	1,875
Motor vehicle .....	NA	NA	NA	33,206	30,384	29,161	33,327	35,004	37,800
Railroad .....	9,600	9,976	10,259	11,735	10,655	9,569	10,017	10,867	10,874
Total .....	NA	NA	NA	47,098	43,612	41,911	46,909	49,497	52,662

<sup>1</sup> Estimate.

Table 10

## Passenger Traffic by Type of Carrier

Million Passengers Carried

	1957	1968	1969	1970	1971	1972	1973	1974	1975 <sup>1</sup>
Air ( <i>Thousand</i> ) .....	NA	528.6	685.8	876.8	986.1	933.9	814.2	702.9	722.0
National .....	NA	503.5	654.2	845.7	950.8	895.4	771.1	649.2	662.0
International .....	NA	25.1	31.6	31.1	35.3	38.5	43.1	53.7	60.0
Maritime .....	NA	11.4	12.4	12.3	12.2	12.0	11.8	11.9	12.2
Motor vehicle .....	NA	1,603.2	1,518.8	1,617.0	1,740.7	1,866.7	1,987.1	2,101.4	2,413.5
Urban bus .....	NA	1,240.5	1,180.4	1,261.1	1,362.7	1,471.4	1,566.1	2,012.2	2,299.4
Interurban bus .....	NA	262.8	253.8	281.0	310.2	316.9	335.5		
Taxicab .....	NA	99.9	84.6	74.9	67.8	78.4	85.5	89.2	114.1
Railroad .....	7.0	19.8	20.1	13.0	11.9	10.4	10.1	10.2	11.5

<sup>1</sup> Estimate.

# FOREIGN TRADE

Table 11

## Foreign Trade by Major Area

Million US \$

	1957	1968	1969	1970	1971	1972	1973	1974	1975 <sup>1</sup>	1976 <sup>2</sup>
Total exports, f.o.b. ....	818	652	671	1,050	861	840	1,395	2,689	3,540	2,925
Communist countries .....	42	480	446	778	557	451	896	1,536	2,415	2,325
USSR .....	42	290	233	529	304	244	577	981	2,011	1,925
Eastern Europe .....	Negl	121	130	150	160	137	206	381	280	275
Far East .....	Negl	69	83	99	93	70	113	174	124	125
Non-Communist countries ...	776	172	225	272	304	389	499	1,153	1,125	600
Total imports, c.i.f. ....	895	1,103	1,222	1,311	1,387	1,297	1,775	2,693	3,750	3,500
Communist countries .....	2	875	902	905	969	997	1,256	1,629	1,957	2,250
USSR .....	Negl	672	669	691	731	779	981	1,240	1,531	1,800
Eastern Europe .....	2	116	139	125	143	126	150	208	307	350
Far East .....	Negl	87	94	89	95	92	125	181	119	100
Non-Communist countries ...	893	228	320	406	418	300	519	1,064	1,793	1,250
Trade Balance .....	-77	-451	-551	-261	-526	-457	-380	-4	-210	-575
Communist countries .....	40	-395	-456	-127	-412	-546	-360	-93	458	75
USSR .....	42	-382	-436	-162	-427	-535	-404	-259	480	125
Eastern Europe .....	-2	5	-9	25	17	11	56	173	-27	-75
Far East .....	Negl	-18	-11	10	-2	-22	-12	-7	5	25
Non-Communist countries ...	-117	-56	-95	-134	-114	89	-20	89	-668	-650

<sup>1</sup> Preliminary.

<sup>2</sup> Estimated.

Table 12

## Exports to Communist Countries

Million US \$ (f.o.b.)

	1957	1968	1969	1970	1971	1972	1973	1974	1975 <sup>1</sup>	1976 <sup>2</sup>
Total .....	42	480	446	778	557	451	896	1,536	2,415	2,325
USSR .....	42	290	233	529	304	244	577	981	2,011	1,925
Eastern Europe .....	Negl	121	130	150	160	137	206	381	280	275
Albania .....	....	Negl	Negl	1	2	1	2	2	7	NA
Bulgaria .....	....	25	27	29	31	26	60	89	92	NA
Czechoslovakia .....	Negl	41	43	49	44	42	49	85	44	NA
East Germany .....	....	36	38	49	49	42	56	124	85	NA
Hungary .....	Negl	4	5	4	12	8	10	25	24	30
Poland .....	Negl	7	7	5	7	7	11	14	21	NA
Romania .....	Negl	8	10	13	15	11	18	42	7	NA
Far East .....	Negl	69	83	99	93	70	113	174	124	125
China .....	Negl	61	64	75	69	51	83	156	100	100
Mongolia .....	....	Negl	Negl	....	....	1	Negl	Negl	Negl	Negl
North Korea .....	....	7	18	23	23	16	28	17	21	23
North Vietnam .....	....	1	1	1	1	2	2	1	3	2

<sup>1</sup> Preliminary.

<sup>2</sup> Estimated.

Table 13

## Exports to Non-Communist Countries

Million US \$ (f.o.b.)

	1957	1968	1969	1970	1971	1972	1973	1974	1975 <sup>1</sup>	1976 <sup>2</sup>
Total .....	776	172	225	272	304	389	499	1,153	1,125	600
Belgium-Luxembourg .....	10	3	3	2	3	5	8	4	7	10
Canada .....	12	4	7	9	11	12	19	98	77	95
France .....	11	15	14	14	6	8	9	14	22	25
Italy .....	3	9	11	14	9	15	23	34	19	25
Japan .....	56	23	67	108	100	150	207	458	268	75
Morocco .....	19	7	13	8	15	5	10	25	NA	NA
Netherlands .....	22	20	22	3	5	6	8	12	7	6
Spain .....	14	41	41	41	36	44	63	213	266	100
Sweden .....	5	4	5	9	8	14	17	46	30	35
United Kingdom .....	44	14	14	18	17	14	36	54	15	35
United States .....	477	....	....	....	Negl	Negl	Negl	Negl	Negl	Negl
West Germany .....	37	2	1	3	3	4	5	7	5	15
Other .....	66	30	27	43	91	112	94	188	409	179

<sup>1</sup> Preliminary.<sup>2</sup> Estimated.

Table 14

## Imports from Communist Countries

Million US \$ (c.i.f.)

	1957	1968	1969	1970	1971	1972	1973	1974	1975 <sup>1</sup>	1976 <sup>2</sup>
Total .....	2	875	902	905	969	997	1,256	1,629	1,957	2,250
USSR .....	Negl	672	669	691	731	779	981	1,240	1,531	1,800
Eastern Europe .....	2	116	139	125	143	126	150	208	307	350
Albania .....	....	1	1	1	1	1	1	5	3	NA
Bulgaria .....	Negl	21	26	23	25	34	34	57	109	NA
Czechoslovakia .....	2	39	28	30	31	33	40	50	59	NA
East Germany .....	....	39	43	50	63	39	49	63	84	NA
Hungary .....	Negl	3	3	5	8	8	7	10	19	NA
Poland .....	....	4	4	3	2	2	9	11	19	NA
Romania .....	Negl	9	34	13	13	9	10	12	14	NA
Far East .....	Negl	87	94	89	95	92	125	181	119	100
China .....	Negl	76	80	75	79	76	106	159	100	75
Mongolia .....	....	....	Negl	Negl	Negl	Negl	Negl	....	2	Negl
North Korea .....	....	11	14	14	15	15	18	20	14	23
North Vietnam .....	....	Negl	Negl	Negl	1	1	1	2	3	2

<sup>1</sup> Preliminary.<sup>2</sup> Estimated.

Table 15

## Imports from Non-Communist Countries

Million US \$ (c.i.f.)

	1957	1968	1969	1970	1971	1972	1973	1974	1975 <sup>1</sup>	1976 <sup>2</sup>
Total .....	893	228	320	406	418	300	519	1,064	1,793	1,250
Argentina .....	1	....	....	....	....	....	10	69	170	100
Belgium-Luxembourg .....	11	2	3	3	5	7	16	36	24	15
Canada .....	18	9	14	28	27	20	41	113	119	95
France .....	8	67	47	61	63	20	36	68	116	100
Italy .....	6	42	36	55	55	13	24	55	134	85
Japan .....	4	3	10	33	60	49	105	212	468	195
Mexico .....	6	3	Negl	Negl	Negl	14	10	12	30	40
Netherlands .....	5	10	6	21	16	7	23	48	68	50
Spain .....	13	21	48	36	33	17	49	75	193	220
Sweden .....	3	2	19	7	16	14	17	32	49	50
United Kingdom .....	24	31	66	59	61	47	65	102	166	110
United States .....	667	....	....	....	....	Negl	Negl	Negl	Negl	Negl
West Germany .....	32	11	30	34	17	25	47	130	182	125
Other .....	95	27	41	69	65	67	76	112	74	65

<sup>1</sup> Preliminary.<sup>2</sup> Estimated.

Table 16

## Value of Exports by Commodity

Million US \$ (f.o.b.)

	1957	1968	1969	1970	1971	1972	1973	1974	1975 <sup>1</sup>	1976 <sup>2</sup>
Total .....	818	652	671	1,050	861	840	1,395	2,689	3,540	2,925
Sugar .....	654	496	503	806	657	623	1,052	2,326	3,153	2,520
Raw and refined sugar .....	629	480	488	785	634	600	1,027	2,300	3,128	2,495
Molasses .....	25	16	15	21	23	23	25	26	25	25
Minerals .....	47	80	88	175	136	125	193	171	190	195
Nickel .....	32	73	82	173	136	124	190	167	185	190
Other .....	15	7	6	2	Negl	1	3	4	5	5
Tobacco .....	48	38	42	33	32	40	62	72	66	70
Raw .....	37	16	14	15	14	15	22	25	20	20
Manufactures .....	11	22	28	18	18	25	40	47	46	50
Foodstuffs .....	12	25	24	29	31	45	78	112	110	115
Of which:										
Fish and shellfish .....	7	9	13	19	22	29	42	61	63	70
Citrus fruit .....	2	2	2	3	3	5	12	15	14	20
Other .....	57	13	14	7	5	7	10	8	21	25

<sup>1</sup> Provisional.<sup>2</sup> Estimated.



Table 17

## Volume of Exports by Major Commodity

Thousand Metric Tons

	1957	1968	1969	1970	1971	1972	1973	1974	1975
Sugar <sup>1</sup>									
Raw sugar . . . . .	4,642.0	3,691.7	3,898.8	6,065.1	4,684.5	3,428.2	4,073.4	4,811.6	4,950.0
Refined sugar . . . . .	520.0	797.0	736.0	592.0	619.4	549.8	477.2	374.9	506.0
Molasses and syrup . . . . .	740.0	739.6	753.5	950.3	948.9	671.8	500.4	580.6	600.0
Minerals									
Nickel . . . . .	31.6	37.7	35.5	35.6	33.2	31.7	38.3	33.0	35.0
Refractory chrome . . . . .	98.9	43.8	27.3	28.5	0.7	1.0	Negl	Negl	Negl
Other . . . . .	414.2	47.4	27.6	0.8	....	1.3	NA	NA	NA
Tobacco									
Raw tobacco . . . . .	25.2	16.3	14.6	13.9	10.8	12.0	15.5	15.6	15.0
Cigars (million units) . . . . .	71.8	59.3	63.9	54.3	80.8	94.3	100.4	123.2	130.0
Cigarettes (million units) . . . . .	23.7	2,718.6	3,605.9	1,720.5	532.7	625.1	2,145.0	2,513.0	2,550.0
Foodstuffs									
Citrus fruit . . . . .	2.1	19.1	24.7	27.0	25.2	34.8	49.8	56.0	56.0
Fresh fish and shellfish . . . . .	2.8	6.2	6.8	13.1	13.1	14.1	18.2	23.7	26.0

<sup>1</sup> The Cuban data differ slightly from the International Sugar Organization data found on Tables 20 and 21.

Table 18

## Value of Imports by Major Commodity

Million US \$ (c.i.f.)

	1968	1969	1970	1971	1972	1973	1974	1975 <sup>1</sup>	1976 <sup>2</sup>
Total . . . . .	1,103	1,222	1,311	1,387	1,297	1,775	2,693	3,750	3,500
Foodstuffs . . . . .	211	216	242	286	294	384	645	760	760
Raw materials and intermediate goods . . . .	284	270	290	295	296	419	613	900	825
Fuel . . . . .	93	106	114	127	163	197	241	305	355
Of which:									
Petroleum . . . . .	91	103	110	123	157	191	235	295	345
Machinery and transportation equip- ment . . . . .	292	373	368	390	245	371	552	950	850
Other . . . . .	223	257	297	289	299	404	642	835	710

<sup>1</sup>Preliminary.

<sup>2</sup>Estimated.



Table 19  
Volume of Imports by Major Commodity

Thousand Metric Tons<sup>1</sup>

	1957	1968	1969	1970	1971	1972	1973	1974	1975 <sup>2</sup>
<b>Foodstuffs</b>									
Rice (milled) . . . . .	192	177	186	199	280	256	201	276	275
Wheat . . . . .	95	288	343	347	401	476	412	397	405
Wheat flour . . . . .	94	296	290	277	346	308	332	328	350
Corn . . . . .	....	160	112	170	153	172	260	250	330
Legumes . . . . .	62	72	81	87	83	90	90	100	100
Lard . . . . .	81	37	47	69	74	53	61	60	60
Canned milk . . . . .	11	18	17	17	19	19	20	15	NA
<b>Raw materials and intermediate goods</b>									
Raw cotton . . . . .	9	20	20	20	19	19	19	22	30
Crude vegetable oil . . . . .	6	66	56	55	66	54	66	65	65
Wood pulp . . . . .	24	38	30	20	39	31	32	NA	NA
Rubber (raw and synthetic) . . . . .	6	12	9	13	7	6	39	NA	NA
Sulfur . . . . .	18	173	124	130	179	123	144	147	135
Caustic soda . . . . .	23	28	36	22	33	19	29	29	30
Pig iron . . . . .	Negl	59	81	77	79	96	108	100	120
Tin plate . . . . .	23	29	44	38	40	39	31 <sup>3</sup>	27 <sup>3</sup>	25 <sup>3</sup>
Coke . . . . .	40	48	52	58	75	88	59	NA	NA
Fertilizer . . . . .	312	1,454	862	975	614	652	873	799	850
Cotton cloth (million square meters) . . . .	4	60	63	58	57	53	64	70	75
<b>Fuel</b>									
Crude petroleum . . . . .	1,900	3,851	4,156	4,261	4,757	4,749	5,243	5,500	5,750
Fuel oil . . . . .	800	1,006	995	1,148	1,409	1,315	1,489	1,550	1,600
Gasoline . . . . .	255	17	10	46	86	13	49	55	60
<b>Transportation equipment (units)</b>									
Locomotives . . . . .	24	7	66	20	7	1	11 <sup>3</sup>	5 <sup>3</sup>	7 <sup>3</sup>
Automobiles . . . . .	23,765	518	747	1,611	2,037	1,085	1,574 <sup>3</sup>	2,325 <sup>3</sup>	2,046 <sup>3</sup>
Trucks . . . . .	2,755	3,208	1,712	4,090	5,274	3,264	2,832 <sup>3</sup>	2,525 <sup>3</sup>	2,350 <sup>3</sup>
Buses . . . . .	160	118	62	391	998	191	1,257	NA	NA
Tractors . . . . .	2,484	6,880	8,828	5,524	7,042	3,024	3,608	4,125	4,700

<sup>1</sup>Unless otherwise indicated.

<sup>2</sup>Preliminary.

<sup>3</sup>Imports from USSR only.

Table 20

## Sugar Exports to Communist Countries

Thousand Metric Tons, Raw Value

	1957	1968	1969	1970	1971	1972	1973	1974	1975	1976 <sup>1</sup>
Total .....	365	3,124	2,808	4,802	3,278	2,294	3,012	3,266	4,031	3,925
USSR .....	358	1,831	1,352	3,105	1,581	1,097	1,661	1,975	3,187	3,050
Eastern Europe .....	7	732	796	961	960	696	834	796	521	560
Albania .....	....	17	....	11	23	15	14	13	14	15
Bulgaria .....	....	186	205	231	211	154	213	190	186	190
Czechoslovakia .....	....	193	224	227	190	151	163	160	56	65
East Germany .....	7	244	253	353	338	243	259	276	169	170
Hungary .....	....	17	17	16	59	38	52	51	42	60
Poland .....	....	21	28	24	30	22	55	28	43	45
Romania .....	....	54	69	99	109	73	78	78	11	15
Far East .....	....	561	660	736	737	501	517	495	323	315
China .....	....	431	445	530	464	295	302	359	183	185
Mongolia .....	....	5	....	....	....	11	3	3	3	5
North Korea .....	....	75	155	149	197	119	136	55	50	35
North Vietnam .....	....	50	60	57	76	76	76	78	87	90

<sup>1</sup>Estimate.

Table 21

## Sugar Exports to Non-Communist Countries

Thousand Metric Tons, Raw Value

	1957	1968	1969	1970	1971	1972	1973	1974	1975	1976
Total .....	4,942	1,489	1,991	2,107	2,233	1,846	1,785	2,225	1,713	1,200
Algeria .....	....	43	42	38	25	25	6	7	46	NA
Canada .....	95	47	80	65	73	31	47	116	156	NA
Egypt .....	....	66	69	32	43	21	5	....	14	NA
Finland .....	....	30	....	....	12	16	26	83	96	NA
Iran .....	5	11	....	....	25	52	....	....	....	NA
Iraq .....	8	53	22	21	52	56	....	65	78	NA
Japan .....	460	555	1,018	1,221	912	909	985	1,152	339	100
Kenya .....	....	....	....	....	46	27	38	....	....	NA
Malaysia .....	Negl	....	105	215	141	88	29	64	....	NA
Morocco .....	189	86	176	106	165	55	62	41	100	NA
New Zealand .....	....	....	....	....	....	....	13	39	94	NA
Portugal .....	10	....	....	....	....	....	....	52	116	NA
Spain .....	30	176	182	143	82	98	104	363	327	120
Sweden .....	16	41	10	60	47	65	56	51	35	NA
Syria .....	21	64	87	98	116	101	107	41	53	NA
United Kingdom .....	424	20	43	....	51	29	122	71	17	NA
United States .....	2,783	....	....	....	....	....	....	....	....	....
Yugoslavia .....	22	76	67	....	72	43	12	50	61	NA
Other .....	879	221	90	108	371	230	173	30	181	NA

Table 22

## Prices Received for Sugar in Principal Markets

US Cents per Pound, f.o.b., Raw Basis

	1957	1968	1969	1970	1971	1972	1973	1974	1975	1976
Communist countries										
USSR <sup>1</sup> .....	5.4	6.1	6.1	6.1	6.1	6.6	12.2	19.6	30.4	30.4
Eastern Europe .....	5.4	5.6	5.6	5.6	5.9	6.6	8.6	19.6	19.6	21.3
China .....	....	6.1	6.1	6.1	6.1	6.6	11.0	17.0	23.6	23.6
Non-Communist countries										
United States <sup>2</sup> .....	5.3	....	....	....	....	....	....	....	....	....
Other .....	5.0	2.3	3.4	3.8	4.5	7.0	8.0	19.5	23.9	13.8
Average for all countries .....	5.4	4.7	4.6	5.2	5.2	6.6	9.7	19.0	24.7	22.1

<sup>1</sup>Price for sugar purchases under trade protocol. The USSR purchased an additional 1.1 million metric tons in 1975 and 600,000 metric tons in 1976 at world prices.

<sup>2</sup>No sugar was sold to the United States during 1968-76.

Table 23

Export and Import Volume and Terms of Trade<sup>1</sup>

Index, 1968=100

	1969	1970	1971	1972	1973	1974	1975
Communist countries							
Export prices .....	99	112	108	115	203	312	469
Export volume .....	94	145	107	82	92	103	106
Import prices .....	98	98	103	105	106	123	156
Import volume .....	105	105	108	109	136	151	140
Terms of trade .....	101	114	105	110	192	254	301
Non-Communist countries							
Export prices .....	148	165	196	304	348	848	1,039
Export volume .....	89	96	90	74	83	79	53
Import prices .....	103	110	117	127	154	191	210
Import volume .....	136	162	156	104	148	245	383
Terms of trade .....	144	150	168	239	226	444	495
Total trade							
Export prices .....	111	126	131	164	240	451	617
Export volume .....	93	128	101	79	89	91	83
Import prices .....	99	100	108	110	116	137	167
Import volume .....	112	119	117	107	139	178	204
Terms of trade .....	112	126	121	149	207	329	369

<sup>1</sup>1968 trade weights.

## ECONOMIC AID

Table 24

## Soviet Economic Assistance

Million US \$

	1961-67	1968	1969	1970	1971	1972	1973	1974	1975 <sup>1</sup>	1976 <sup>2</sup>
Balance-of-payments aid . . . . .	1,393	432	494	231	509	632	437	294	65	110
Trade deficit . . . . .	1,180	382	436	162	427	535	404	259	30 <sup>3</sup>	75 <sup>3</sup>
Interest charges . . . . .	59	28	34	45	57	69	.... <sup>4</sup>	.... <sup>4</sup>	4	.... <sup>4</sup>
Other invisibles . . . . .	154	22	24	24	25	28	33	35	35	35
Repayable aid . . . . .	1,393	1,825	2,319	2,550	3,059	3,691	4,128	4,422	4,487	4,597 <sup>5</sup>
Sugar subsidy payments <sup>6</sup> . . . . .	632	150	86	150	56	-22	154	4	365	897
Petroleum subsidy <sup>7</sup> . . . . .	....	....	....	....	....	....	....	370	300	375
Nickel subsidy <sup>6</sup> . . . . .	....	....	....	....	....	....	48	40	27	22
Total cumulative aid . . . . .	2,025	2,607	3,187	3,568	4,133	4,743	5,382	6,090	6,847	8,251

<sup>1</sup>Provisional.<sup>2</sup>Estimated.<sup>3</sup>Clearing account deficit, i.e., trade deficit excluding Soviet hard currency purchases of sugar.<sup>4</sup>A Cuban-Soviet agreement of December 1972 exempted Cuban debt from further interest charges.<sup>5</sup>Estimated Cuban debt to the USSR consisting of (a) an estimated \$4.05 billion in direct balance-of-payments assistance and (b) an estimated \$550 million in development aid. The USSR has agreed to postpone initial repayment of this debt until 1986.<sup>6</sup>The sugar and nickel subsidies are estimated as the difference between the values of sugar and nickel exports to the USSR and the value of these exports if sold on the world market. They are considered a grant and are not subject to repayment.<sup>7</sup>The petroleum subsidy reflects the difference between the value of petroleum purchased from the USSR and the value of these imports at world prices. It is considered a grant and is not subject to repayment.

Table 25

Foreign Trade Adjusted To Exclude Soviet Price Subsidies<sup>1</sup>

Million US \$

	1968	1969	1970	1971	1972	1973	1974	1975 <sup>1</sup>	1976 <sup>2</sup>
Total exports, f.o.b. . . . .	652	671	1,050	861	840	1,395	2,689	3,540	2,925
Less Soviet sugar and nickel subsidies <sup>3</sup> . . .	-150	-86	-150	-56	+22	-202	-44	-392	-919
Adjusted total exports . . . . .	502	585	900	805	862	1,193	2,645	3,148	2,006
Total imports, c.i.f. . . . .	1,103	1,222	1,311	1,387	1,297	1,775	2,693	3,750	3,500
Plus Soviet oil subsidy <sup>3</sup> . . . . .	....	....	....	....	....	....	370	300	375
Adjusted total imports . . . . .	1,103	1,222	1,311	1,387	1,297	1,775	3,063	4,050	3,875
Trade balance . . . . .	-451	-551	-261	-526	-457	-380	-4	-210	-575
Adjusted trade balance . . . . .	-601	-637	-411	-582	-435	-582	-418	-902	-1,869

<sup>1</sup>Preliminary.<sup>2</sup>Estimated.<sup>3</sup>See Table 24 for derivation of Soviet price subsidies.

Table 26

## Publicized Economic Assistance from Non-Communist Countries Since 1972

Source	Value Million US \$	Date Authorized	Terms
Argentina .....	1,200	August 1973	Long-term credits for the purchase of Argentine industrial and transportation equipment; to be repaid in eight years from time of delivery.
Eurocurrency credits .....	30	1973	Medium-term credits.
Spain .....	900	December 1974	Trade credits for the purchase of Spanish ships and whole plants.
Eurocurrency credits .....	119	1974	Medium-term credits.
France .....	350	January 1975	Long-term credits for the purchase of French machinery, whole plants, and transportation equipment; to be repaid in ten years.
Canada .....	155	March 1975	\$100 million credit to be repaid in ten years at competitive interest rates; \$10 million development loan to be repaid over 30 years at 3% interest and a \$3 million technical assistance grant extended in February 1975; credits of \$24 million extended in December 1974 and \$18 million in April 1974 for purchases of oil tankers and rail equipment.
United Kingdom .....	580	May 1975	Medium-term credits at less than 7 ½ % interest for the purchase of British capital goods.
Eurocurrency credits .....	234	1975	Medium-term credits to be repaid in five years at 1 ¾ % over the London Interbank offer rate.
Eurocurrency credits .....	134	January-June 1976	Medium-term credits to be repaid in five years at 1 ¾ % over the London Interbank offer rate.

POPULATION AND LABOR FORCE

Table 27

Population<sup>1</sup>

Year	Million Persons	Year	Million Persons
1955 .....	6.3	1966	8.0
1956 .....	6.5	1967	8.1
1957 .....	6.6	1968	8.3
1958 .....	6.8	1969	8.4
1959 .....	6.9	1970	8.6
1960 .....	7.0	1971	8.7
1961 .....	7.1	1972	8.9
1962 .....	7.3	1973	9.0
1963 .....	7.4	1974	9.2
1964 .....	7.6	1975	9.3
1965 .....	7.8	1976	9.5

<sup>1</sup>Estimated midyear population by US Department of Commerce, Bureau of Census.

Table 28

Civilian Employment by Economic Sector

	Thousand Persons						
	1962	1964	1966	1971	1972	1973	1974
Total employment .....	1,823	1,885	1,993	2,402	2,426	2,526	2,573
State sector .....	1,083	1,369	1,517	2,082	2,126	2,246	2,313
Agriculture .....	297	386	450	604	637	645	646
Manufacturing, mining, and utilities .....	267	303	323	440	438	453	469
Construction .....	104	108	118	133	154	177	183
Transportation and communications .....	74	82	82	175	177	179	185
Commerce .....	132	216	235	168	166	177	184
Services and administration .....	209	274	309	562	554	615	646
Private sector <sup>1</sup> .....	740	516	476	320	300	280	260

<sup>1</sup>Virtually all in agriculture after 1968.

Table 29

## Cuban Diplomatic Relations

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Communist Countries	
Albania	Mongolia
Bulgaria	North Korea
Cambodia	People's Republic of China
Czechoslovakia	Poland
East Germany	Romania
Hungary	USSR
Laos	Vietnam
Non-Communist Countries	
Africa	
Algeria	Malagasy
Angola	Mali
Benin	Mauritania
Burundi	Mauritius
Cameroon	Morocco
Cape Verde Islands	Mozambique
Chad	Niger
Congo	Nigeria
Egypt	Sao Tome and Principe
Equatorial Guinea	Senegal
Ethiopia	Sierra Leone
Gabon	Somalia
Ghana	Tanzania
Guinea	Uganda
Guinea-Bissau	Upper Volta
Liberia	Zaire
Libya	Zambia
Asia-Oceania	
Australia	Lebanon
Bangladesh	Malaysia
India	Nepal
Indonesia	South Yemen
Iran	Sri Lanka
Iraq	Syria
Japan	Thailand
Kuwait	
Europe	
Austria	Netherlands
Belgium	Norway
Cyprus	Portugal
Denmark	Spain
Finland	Sweden
France	Switzerland
Greece	The Vatican
Iceland	United Kingdom
Italy	West Germany
Luxembourg	Yugoslavia
Western Hemisphere	
Argentina	Jamaica
Bahamas	Mexico
Barbados	Panama
Canada	Peru
Colombia	Trinidad and Tobago
Guyana	Venezuela

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